

JUN 08 1982

PM 6028

**MATERIAL SAFETY DATA SHEET**

(APPROVED BY THE U.S. DEPARTMENT OF LABOR AS "essentially similar" to form OSHA-20)

see 1987  
composition  
may have changed  
see new MSDS  
UP.

**Section 1—NAME & PRODUCT**

Manufacturer's Name

Adcoat, Inc., 172 East La Jolla Rd., Placentia, Calif. 92670

City, State and Zip Code

Emergency Phone No.

(714) 630-7311

Date this form written  
January 31, 1975

Trade Name

AC-813 Thinner

Synonyms

Solvents

**Section 2—INGREDIENTS—TYPICAL VALUES**

WT. %

Perchloroethylene (minimum)

99

**Section 3—PHYSICAL DATA**

BOILING POINT (°F.)	250 (121.1°C)	SOLUBILITY IN WATER 25°C	0.015g/100g
VAPOR PRESSURE (mm Hg at 20°C)	13	SPECIFIC GRAVITY (H <sub>2</sub> O : 1)	1.619 at 25/25°C
VAPOR DENSITY (air : 1)	5.76	% VOLATILE BY VOLUME	100 (Essentially)

APPEARANCE Colorless liquid.

**Section 4—FIRE AND EXPLOSION HAZARD DATA**

Flash Point (and method used)

None °F T.O.C., T.C.C., C.O.C.

Flammable Limits (STP in air)—Vol. %

L.F.L.

None

U.F.L.

None

EXTINGUISHING  
MEDIA☐ Water  
Fog☐ Foam☐ Alcohol  
Foam☐ CO<sub>2</sub>☐ Dry  
Chemical☐ Other

Special Fire Fighting Protection Equipment and Hazards

Self-contained respiratory equipment.

**Section 5—REACTIVITY DATA**

STABILITY (Normal Conditions)			Conditions to avoid  Avoid open flames, welding arcs or other high temperature sources which induce thermal decomposition.
X	STABLE	UNSTABLE	
Materials to avoid			
<input type="checkbox"/> Water <input type="checkbox"/> Acid <input type="checkbox"/> Base <input type="checkbox"/> Corrosive <input type="checkbox"/> Oxidizing Material			
Other <input type="checkbox"/>			

Hazardous Decomposition Products

Hydrogen chloride and small amounts of phosgene and chlorine.

HAZARDOUS POLYMERIZATION		MAY OCCUR	Conditions to avoid
	X	WILL NOT OCCUR	

**Section 6—SPILL OR LEAK PROCEDURES—USE PROPER PROTECTIVE EQUIPMENT**

Steps to be taken in case material is released or spilled

Small leaks: Mop up, wipe up or soak up immediately. Remove to out of doors.

Large spills: Evacuate area. Contain liquid; transfer to closed metal containers. Keep out of water supply.

Disposal Method Send solvent to reclaimer. In some cases it can be transported to an area where it can be placed on the ground and allowed to evaporate safely.

(FRONT)

BOE-C6-0225074

**MATERIAL SAFETY DATA SHEET (Continued)****● Section 7—HEALTH HAZARD DATA****Ingestion**

Low in single dose oral toxicity. LD<sub>50</sub> (rat) greater than 5000 (mouse) in range of 8000 to 11000 mg/kg. Estimating from these data, the lethal dose for a 100 lb. person may be more than 1 1/2 cupful.

**Eye Contact**

Pain and irritation, but no corneal injury should occur.

**Skin Contact**

Short contact— no irritation. Prolonged or frequently repeated contact— irritation. If confined to skin— pain and irritation, even a burn.

**Skin Absorption**

Very low. No considered a hazard.

**Inhalation**

Odor threshold—50 ppm unacclimated; 200 ppm acclimated.

TLV: 100 (1974) Vapors are harmful and may cause irritation.

**Effects of Overexposure**

Possible organic injury.

+ FIRST AID PROCEDURE +	EYES AND SKIN: Flush with plenty of water and get medical attention if irritation or injury occurs. INHALATION: If illness occurs, remove patient to fresh air, keep warm and quiet and get medical attention. If breathing stops, start artificial respiration. INGESTION: Induce vomiting. Call a physician immediately.* CAUTION: With some solvents, drinking alcohol shortly before, during or after exposure may cause undesirable effects.	<b>CAUTION:</b> Never give fluids or induce vomiting if patient is unconscious or having convulsions

**● Section 8—SPECIAL PROTECTION INFORMATION****Ventilation**

Limit concentration in air to TLV.

**Respiratory Protection** Up to 100 ppm— none. Respiratory protection required in the absence of environmental control. For levels up to 2% for 1/2 hour or less a suitable full-face mask with organic canister should be used. Above 2 per cent and for emergencies, use a self-contained breathing apparatus.

**Protective Clothing**

No special protective clothing needed.

**EYE PROTECTION**

Not normally

☐ necessary

Safety glasses

☒ without side shields

Safety glasses

☐ with side shields

Chemical

☐ workers' goggles

☐ Gas tight goggles or equivalent

☒ Other Eye-wash stations and safety showers should be readily available.

**● Section 9—SPECIAL PRECAUTIONS OR OTHER COMMENTS**

Handle with reasonable care and caution. Avoid breathing vapors.

\*NOTE TO PHYSICIAN: Overexposure to many of the chlorinated solvents, especially if accompanied by anoxia, may temporarily increase cardiac irritability. Maintain adequate oxygenation until recovery. Avoid sympathomimetic amines, such as epinephrine, which may precipitate arrhythmias.

NOTICE: The information herein is given in good faith but no warranty, express or implied, is made.